AMENDMENTS TO THE SPECIFICATION

Please replace page 11 with the following amended page 11. Applicants respectfully submit that support for the amendment can be found, for example, in original claim 1.

8) It is an object of the present invention to provide an implant that can act as a carrier for the other constituents of the invention which act to beneficially treat the living being in which they are implanted (e.g. drugs, biologics, cells, radioisotopes, platelet rich plasma, etc.);

9) It is an object of the present invention to provide an implant that can, when used for bone applications, and certain other applications as are described herein, the implant provides a tissue conductive matrix such as an osteoconductive matrix providing a scaffold for bone in-growth.

10) It is an object of the present invention to provide an implant that can incorporate osteoinductive factors providing chemical agents that induce bone regeneration and repair.

11) It is an object of the present invention to provide an implant that can incorporate osteogenic cells for providing the basic building blocks for bone regeneration by their ability to differentiate into osteoblasts and osteoclasts.

12) It is an object of the present invention to provide an implant that can also provide structural integrity to the defect and surrounding tissues to a level that is suitable for some load to be carried by the implant.

13) It is an object of the present invention to provide an implant that can provide a biocompatible alternative for utilizing autologous bone (e.g. from the □liac crest or rib) or other tissue for grafting purposes;

14) It is an object of the present invention to provide an implant that can create an environment which is conducive to tissue regeneration (e.g. osteogenesis) in its own right;

15) It is an object of the present invention to provide an implant that can function as a carrier for biologically active agents (i.e. chemotactic substances) or other osteoinductive/osteogenic agents, as well as other therapeutic substances (i.e. antibiotics);

16) It is an object of the present invention to provide an implant that can resorb or degrade (at least partially) in several stages to allow for new tissue in-growth and to eliminate the need for second surgeries to remove the implant; and,

17) It is an object of the present invention to provide an implant that can utilize native fibrous collagen to provide structural integrity to the implant and serves as an ideal substrate for tissue regeneration.